

Date: Sat, 27 Feb 93 04:30:19 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #264
To: Info-Hams

Info-Hams Digest Sat, 27 Feb 93 Volume 93 : Issue 264

Today's Topics:

 * SpaceNews 01-Mar-93 *
 Contest Results, ZF2TV
 Deviation Measurement and Icom 24AT Adjustment Req'd

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Feb 93 02:48:01 GMT
From: news-mail-gateway@ucsd.edu
Subject: * SpaceNews 01-Mar-93 *
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC0301
* SpaceNews 01-Mar-93 *

BID: \$SPC0301

=====
SpaceNews
=====

MONDAY MARCH 1, 1993

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited distribution.

★ HAPPY BIRTHDAY MIR! ★

=====

Mir crew number 13 on 20-Feb-93 informed the general Amateur Radio community through their packet radio personal message system that the Mir Space Station has now been in orbit for seven years. The Cosmonauts report all systems on Mir are functioning well.

[Info via Dave, N6JLH]

★ WXSAT NEWS ★

=====

Observed at station 50.7 NLat, 7.1 ELon, FEB 13, 1993

NOAA-9: APT 137.62 On
NOAA-10: APT 137.50 On again
NOAA-11: APT 137.62 On
NOAA-12: APT 137.50 On
Meteor 3-3: APT 137.85 On
Meteor 3-4: APT 137.30 On

Meteor 3-3: good vis-images at morning ascending and IR during evening descending passes. Meteor 3-4: Good vis-images during noon descending pass. VHF-Conflict NOAA-10/NOAA-12 ended, APT NOAA-10 is active again.

[Info via Peter Henne]

★ RADIATION AND OSCARS ★

=====

As far as we know, no crash of a UoSAT or Microsat has been attributed to solar flare activity or SEUs. In particular, two of this week's crashes are probably not caused by solar activity.

KITSAT-1 : The recent crash may be connected to a single event upset from 29 January, which effected the file access table in the RAMDISK. It is also possible that the DSPE software introduced some instability into the system.

UoSAT-22 : The recent crash(es) are due to software development. Bugs responsible for both of this week's crashes have been identified.

CI Underwood at UoSAT has spent a lot of time looking for coorelation

between solar activity and single-event upsets. There is only light correlation, and the two most recent flares produced almost no increase in SEUs.

You can examine this issue yourself using the ELxxxx files and the program ELOGDISP.EXE.

[Info via Jeff Ward, G0SUL/K8KA]

★ ASTRO-D NEWS ★

=====

The Japanese ISAS satellite Astro-D was named ASUKA (place-name, meaning flying-bird) after it was successfully placed into Earth orbit (Apogee 606 Km, Perigee 515 Km, Period 96 min, Inclination 31.1 degrees). Astro-D was launched at 02:00 UTC on 20-Feb-93.

[Info via Yoshiro Yamada]

★ SAREX UPDATE ★

=====

STS-55, Space Shuttle Columbia, welcomes aboard their fifth Amateur Radio-licensed crew member. Charlie Precourt, Mission Specialist, just received call letters, KB5YSQ. Originally set for launch February 25, STS-55 has been delayed for a mid-March launch.

Steve Oswald, STS-56 Space Shuttle Discovery Pilot, also recently passed his Amateur Radio exam and received the call letters KB5YSR. This makes the second all-ham crew in history. The first occurred with Ken Cameron's STS-37 flight in April 1991. Ken will be commanding STS-56.

No word has been given regarding new launch dates for STS-56 and STS-57. We will bring you further details as we receive them.

For general information on SAREX, and how you might become involved, please contact the ARRL Educational Activities Department.

[Info via Robert J Inderbitzen, NQ1R]

★ FEEDBACK/INPUT WELCOMED ★

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any of the following paths:

FAX : 1-908-747-7107

UUCP : ...catfish.ocpt.ccur.com!ka2qhd!kd2bd
PACKET : KD2BD @ NN2Z.NJ.USA.NA
INTERNET : kd2bd@ka2qhd.ocpt.ccur.com -or- kd2bd@amsat.org

MAIL : John A. Magliacane, KD2BD
Department of Engineering and Technology
Advanced Technology Center
Brookdale Community College
Lincroft, New Jersey 07738
U.S.A.

<<=- SpaceNews: The first amateur newsletter read in space! -=>>

/EX

--

John A. Magliacane, KD2BD * /\ * Voice : 1-908-224-2948
Advanced Technology Center |/\| Packet : KD2BD @ NN2Z.NJ.USA.NA
Brookdale Community College |/\| Internet: kd2bd@ka2qhd.ocpt.ccur.com
Lincroft, NJ 07738 * \/\ * Morse : -.- -.. ..--- -... -..

Date: Fri, 26 Feb 1993 23:58:49 GMT
From: eco.twg.com!twg.com!twg.com!sawyer@uunet.uu.net
Subject: Contest Results, ZF2TV
To: info-hams@ucsd.edu

I just returned at 2 am this morning from my trip to Little Cayman Island for the ARRL CW Contest as ZF2TV. What a blast! It was my first time at the far end of the pile and I found it both exhilarating and intimidating. The place was real paradise, and I almost bagged the contest at the end of the first day to go diving--it was hard to stay indoors and work the contest when the West's greatest SCUBA was only yards away. But I stayed with it, and here is the result of hammering away for 44 hours as single op:

Band	Q's	Mult's
160	116	32
80	500	50
40	700	54
20	876	57
15	1034	58
10	1158	58

Total 4384 309 ==> Total Score 4,063,968

If anybody needs a card, QSL (with SASE, please) to my home call, AA6KX

...Bruce

Date: Fri, 26 Feb 1993 21:01:03 GMT
From: usc!zaphod.mps.ohio-state.edu!menudo.uh.edu!uuneo!sugar!
jreese@network.UCSD.EDU
Subject: Deviation Measurement and Icom 24AT Adjustment Req'd
To: info-hams@ucsd.edu

In article <9302261603.AA17171@ucsd.edu> jds@emclab.ATt.COM writes:

>Hey folks, the deviation is low on my Icom 24AT.
>
>I've got two data points:
>1) Complaints of low audio on the local machines.
>2) Comparative testing with a Marconi modulation analyzer.
> (see below for quasi-empirical method of measurement)
> By this I mean that my radio measured apporximately two thirds the
> deviation of a friends th78 (which *does* sound better on the local
> machines).

Before you get out that tweak-tool, your problem may be an acoustic one rather than an electronic one... try your radio with a speaker mic and see if the deviation is OK on the external mic. I'd bet money it is.

In my experience, the problem with the IC-24at is that there is not a big enough hole in front of the microphone to allow the audio to get to the microphone element. This results in a somewhat muffled sound as well as apparently low mic gain.

If you don't mind taking a PC drill to the radio, it's possible to drill a small - like 1/16" - hole in the front of the radio where the microphone is located. You can do this so it won't be visible to the outside unless you really look for it... This will improve the audio significantly.

--

Jim Reese, WD5IYT	"If it glows...
jreese@sugar.neosoft.com	It goes!"

End of Info-Hams Digest V93 #264
